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Approved for use 10-31-99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A-PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(USE AS MANY SHEETS AS NECESSARY)

Sheet 1 Of 2

COMPLETE IF KNOWN

Application Number	New	S 102843
Filing Date	December 28, 2001	U 102843
First Named Inventor	Thomas R. WERNER et al	F 102843
Group Art Unit	TBD	G 102843
Examiner Name	TBD	H 102843
Attorney Docket Number	V637- 25543 US	I 102843

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner
Signature

Date
Considered

10/16/03

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

(1) Unique citation designation number. (2) See attached kinds of U.S. patent documents. (3) Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). (4) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. (5) Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. (6) Applicant is to place a check mark here if English language translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 Of 2

COMPLETE IF KNOWN	
Application Number	New
Filing Date	December 28, 2001
First Named Inventor	Thomas R. WERNER et al.
Group Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	V637- 25543 US

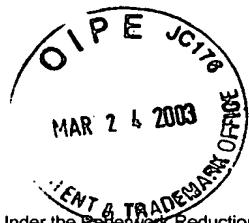
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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PTO/SB/08A (10-01)

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10,028,439
				Filing Date	December 28, 2001
				First Named Inventor	Thomas R. Werner et al.
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	V637-25543 US

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		

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¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

OTHER PRIOR ART – NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.
DW	AA	IEEE Photonics Technology Letters, VOL. 14. NO. 12, December 2002 "Single High-Order Transverse Mode Surface-Emitting Laser With Controlled Far-Field Pattern," S. Shinada and F. Koyama, Member IEEE, pp. 1641-1643

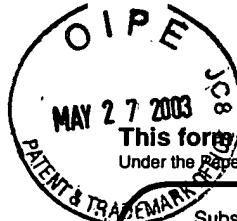
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Examiner Signature		Date Considered	6/16/03
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FTC/38/08A (04-03)
Approved for use 04-30-2003. OMB 0651-0031

Approved for use 04-30-2003

Substitute for form 1449A-PTC

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(USE AS MANY SHEETS AS NECESSARY)

Sheet 1 of 2

COMPLETE IF KNOWN

Application Number	10/028,439
Filing Date	December 28, 2001
First Named Inventor	Thomas R. WERNER et al
Art Unit	2881
Examiner Name	TBD
Attorney Docket Number	V637- 25543 US

U.S. PATENT DOCUMENTS

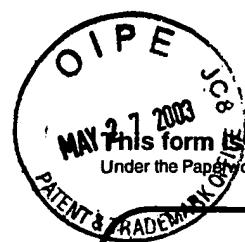
FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	09/06/03
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PTO/SB/08A (04-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B-PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 Of 2

Sheet 2 Of 2

COMPLETE IF KNOWN	
Application Number	10/028,439
Filing Date	December 28, 2001
First Named Inventor	Thomas R. WERNER et al.
Group Art Unit	2881
Examiner Name	TBD
Attorney Docket Number	V637- 25543 US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	10/16/03
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